

1. A plural channel pipette tip which comprises:

a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of spaced, approximately parallel, legs extending away from said tubular body;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end; and

said plurality of legs sized to permit all of said open distal ends to fit within a single supply well and to permit each leg to fit within a separate micro titration well in a micro titration plate.

2. The plural channel pipette tip system according to claim 1 wherein at least some of said channels have open distal ends with different cross sectional areas.

3. The plural channel pipette tip according to claim 1 wherein four legs are provided in a rectangular pattern.

4. The plural channel pipette tip according to claim 1 wherein two legs are provided.

5. A plural channel pipette tip and storage rack system which comprises:

a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of spaced legs extending away from said tubular body;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end;

5 a rack having openings for storing a plurality of said pipette tips prior to use; and

cooperating alignment means on said tubular body first end and at said storage rack openings to assure that each pipette tip will mount on each pipette in a predetermined alignment.

10 6. The plural channel pipette tip and storage rack system according to claim 5 wherein at least some of said channels have open distal ends with different cross sectional areas.

7. The plural channel pipette tip and storage rack system according to claim 5 wherein said alignment means comprises a ridge on said pipette tip and a cooperating recess in said storage rack at said storage rack openings.

8. The plural channel pipette tip and storage rack system according to claim 5 wherein four of said legs are provided in a rectangular pattern.

20 9. A kit for performing rapid and accurate titrations which comprises:

a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of

spaced legs extending away from said tubular body;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end;

a storage rack having a plurality of holes for
5 simultaneously receiving all of said plural legs on one pipette tip and at least a portion of said tubular body;

cooperating alignment means on said tubular body and said storage rack to assure that each pipette tip will mount on each pipette in a predetermined alignment;

10 a pipette for insertion into said pipette tip and for releasably retaining said pipette tip thereon;

a supply rack having a plurality of supply wells, each of said wells configured to admit all of said plural legs; and

a micro titration plate having a plurality of micro
15 titration wells, said micro titration wells configured to admit individual said legs into a corresponding plurality of individual micro titration wells.

10. The kit according to claim 9 wherein at least some of said channels have open distal ends have different cross
20 sectional areas.

11. The kit according to claim 9 wherein four approximately parallel legs are provided in a rectangular pattern.

12. The kit according to claim 9 wherein two approximately parallel legs are provided.

13. The kit according to claim 5 wherein said alignment means comprises a ridge on said pipette tip and a cooperating recess in said storage rack.